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**(54) MOTION PICTURE CODE TRANSMISSION  
SYSTEM**

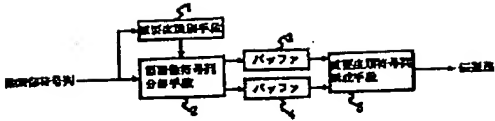
(57) Abstract:

**PURPOSE:** To improve the immunity against a transmission error by decomposing each code string of a motion picture with priority of deterioration in picture quality with respect to a transmission error, forming the string into a code string in the order of importance, and rearranging the string again in the processing unit between a re-synchronization code and a succeeding re-synchronization code.

**CONSTITUTION:** An importance identification means 1 sets the importance of an input motion picture code string to be 0 for a conversion coefficient, and to be 1 for a re-synchronization code, a header and position information or the like for the identification of the code and gives the result to a motion picture code string decomposing means 2. The means 2 gives a code string comprising re-synchronization, a border code and the importance of 0 or 1 to buffers 3, 4, and the border code is set so as not to be coincident with the code string of the importance 1 to discriminate the end of the code string of the importance 1. The buffers 3, 4 apply buffering to the input code string, an importance order code string forming means 5 forms the code string into an importance sequence code string comprising a re-synchronization code string, a code string of importance 1, a border code and a code string of importance 0 and outputs the result to a transmission line. Thus, the immunity against a transmission error is improved.

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